

ABSTRACT OF THE DISCLOSURE

A Personal Digital Assistant functions as a high fidelity multimedia recorder with software employing a double buffering method that permits simultaneous reading of incoming data and writing of data to memory. An asynchronous I/O extension layer 5 provided in a software application is provided between the operating system layer and the application layer of a commercially available PDA. The layer permits a PDA normally capable only of synchronous file I/O file access operation to operate in an asynchronous file I/O access mode.